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# (54) Title: MODIFIED FIBER PROTEINS FOR EFFICIENT RECEPTOR BINDING

(57) Abstract: Recombinant detargeted and retargeted adenovirus viral particles and vectors are provided. In particular, modified fibers from adenoviruses that bind to coxsackie-adenovirus receptor (CAR) in vivo that contain modifications in the fiber shaft are provided. Adenovirus (Ad) particles that express such fibers exhibit reduced binding to CAR. Hence detargeted Ad particles are provides; also provided are retargeted particles.

